

INTERNATIONAL SEARCH REPORT

Inten
al Application No
PC1/1B 03/06020

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G02B6/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G02B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 1 211 457 A (TB OPTICAL CO LTD) 5 June 2002 (2002-06-05)	1,13,18
Y	abstract; claims 1-14; figures 1-20 -----	11,17
A	EP 1 091 166 A (VISTEON GLOBAL TECH INC) 11 April 2001 (2001-04-11) abstract; figures 1-6 -----	1
Y	US 5 634 711 A (KAYSER ROY ET AL) 3 June 1997 (1997-06-03) column 3 - column 4; figure 1 -----	11,17
P, X	WO 03/096925 A (HARTUNG MARTIN ; 3M ESPE AG (DE)) 27 November 2003 (2003-11-27) the whole document -----	1-5,13, 14,18

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the International search

20 February 2004

Date of mailing of the International search report

03/03/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Malic, K

INTERNATIONAL SEARCH REPORT

Int'l Application No
PCT/IB 03/06020

Patent document cited in search report	Publication date		Patent family member(s)		Publication date
EP 1211457	A 05-06-2002		JP 2002170416 A JP 2002170404 A CN 1356492 A EP 1211457 A1 TW 514710 B US 2002064043 A1		14-06-2002 14-06-2002 03-07-2002 05-06-2002 21-12-2002 30-05-2002
EP 1091166	A 11-04-2001		EP 1091166 A1 JP 2001116963 A		11-04-2001 27-04-2001
US 5634711	A 03-06-1997		US 5420768 A AU 7737894 A CA 2149339 A1 WO 9507731 A1		30-05-1995 03-04-1995 23-03-1995 23-03-1995
WO 03096925	A 27-11-2003		DE 10222828 A1 WO 03096925 A1		11-12-2003 27-11-2003